

Abstract

The invention relates to a grinding machine for all kinds of material, ~~said the~~ machine comprising: a receiving element for the material (5); at least one shaft (2) positioned in the housing (1) and provided with grinding tools (3); rigid cutting tools (4) which are arranged in the housing (1) and against which the grinding tools (3) operate, grinding the material (5) with specifically low forces. To this end, the grinding tools (3) comprise cutting regions (3.1, 3.2) within which an inner cutting region (3.1) can take a large amount of material (5) to be ground and grind the same, thus comprising a small lever arm, and an outer cutting region (3.2) can take a smaller amount of material (5) to be ground and grind the same, thus comprising a large lever arm. According to the invention, the rigid cutting tools (4) are provided with teeth (4.2) having profiles (4.3) which co-operate with one of the cutting regions (3.1, 3.2), a first transversal edge (3.4) of the grinding tools (3) being oriented towards a second transversal edge (4.4) of a tooth (4.2) of the rigid cutting tools (4) in such a way that it cuts past the same.